

## Interview Summary

Application No.

09/595,133

Applicant(s)

BABIN, DENIS L.

Examiner

Isaac N Hamilton

Art Unit

3724

All participants (applicant, applicant's representative, PTO personnel):

(1) Isaac N Hamilton.

(3) Teresa Medler.

(2) Allan Shoap.

(4) George Olaru.

Date of Interview: 29 October 2003.

Type: a) ☐ Telephonic b) ☐ Video Conference  
c) ☒ Personal [copy given to: 1) ☒ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1,9 and 21.


Identification of prior art discussed: Gellert and Obreski et al.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

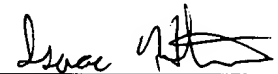
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Independent claims discussed. (see attachment). The limitation of "creating an inventory of partially manufactured plates" was asserted to be patentable over the prior art. SPE Shoap suggested affidavits and arguments showing how the method was different and unobvious over the prior art would be helpful into demonstrating this.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

  
Allan M. Shoap  
Supervisory Patent Examiner  
Group 3700

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required

US Appl. No. 09/595,133

1. (Proposed amendment) A method for manufacturing and assembling hot runner

systems, the method comprising the steps of:

manufacturing a plurality of manifold plates for hot runner systems;

adding heating elements to the manifold plates;

drilling flow channels into the manifold plates to thereby create a plurality of partially manufactured hot runner manifold plates;

creating an inventory of [placing the] partially manufactured hot runner manifold plates [in stock];

taking an order[s] with customized specifications for a hot runner system[s];

removing from inventory [stock the] a partially manufactured hot runner manifold plate[s], injection nozzles, and plugs that correspond to the customized specifications of the order[s];

boring out holes for the plugs in the partially manufactured hot runner manifold plate[s] at locations that correspond to the customized specifications of the order[s];

inserting the plugs into the bored out holes of the partially manufactured hot runner manifold plate[s]; and

attaching the nozzles to the partially manufactured hot runner manifold plate[s] in alignment with the plugs to thereby create a completed hot runner system.

9. (Proposed amendment) A method for manufacturing and assembling hot runner systems, the method comprising the steps of:

manufacturing a plurality of manifold plates for hot runner systems;

[milling grooves in the manifold plates];

drilling flow channels into the manifold plates to thereby create a plurality of partially manufactured manifold plates;

[inserting heating elements into the grooves];

creating an inventory of partially manufactured [placing the] manifold plates [in stock];

taking an order[s] with customized specifications for a hot runner system[s];

removing from inventory [stock the] a partially manufactured manifold plate[s], injection nozzles, and plugs that correspond to the customized specifications of the order[s];

adding heating elements to the partially manufactured manifold plate;

boring out holes for the plugs in the partially manufactured manifold plate[s] at locations that correspond to the customized specifications of the order[s];

drilling holes in the partially manufactured manifold plate[s] around the bored out holes for attaching the nozzles to the manifold plate[s];

inserting the plugs into the bored out holes of the partially manufactured manifold plate[s]; and

attaching the nozzles to the partially manufactured manifold plate[s] in

alignment with the plugs to thereby create a completed hot runner system.

21. (Proposed amendment) A method for manufacturing and assembling hot runner systems, the method comprising the steps of:

partially manufacturing a plurality of hot runner components to include partially manufactured manifold plates that form at least a portion of a hot runner system in a first phase;

placing the hot runner components in inventory [stock];

receiving an order with customized specifications for a hot runner system;

removing the components from inventory [stock]; and

further manufacturing the hot runner components in accordance with the customized specifications of the order in a second phase.

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